

Ryan Ramirez

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Summary Statement

Identity & Access Management Specialist with an M.S. in Computer & Information Science. Proficient in Okta configuration and Microsoft Entra ID administration. Skilled at designing and enforcing RBAC policies, implementing SSO/MFA, and automating user-lifecycle workflows to strengthen security posture and streamline operations.

Education

MS	Marquette University , Computer & Information Science	May 2025
	<ul style="list-style-type: none">• GPA: 3.8/4.0• Specialization: Information Assurance & Cyber Defense (NCAE-C accredited)	
BS	Marquette University , Computer Science	May 2022
	<ul style="list-style-type: none">• Minor: Data Science	

Experience

Identity & Access Management Engineer, CDW	Chicago, IL
<ul style="list-style-type: none">• Led IAM deployments for enterprise clients using Okta and Microsoft Entra ID• Developed and enforced RBAC policies to streamline identity workflows• Automated provisioning and deprovisioning with Okta Workflows• Integrated SSO/MFA across enterprise platforms to strengthen security posture• Maintained compliance through secure lifecycle and access governance processes	2022 – 2024
Product Engineer, HIPAAChecker - Ubitrix / Marquette University	Spring 2025
<ul style="list-style-type: none">• Conducted system testing and dashboard validation for HIPAA-compliance platform• Assessed vulnerabilities across Android, Django, Laravel, and Rails apps• Delivered product pitch for "dDream" at Marquette's Explorer Challenge 2.0	
Teaching Assistant, GenCyber	Remote
<ul style="list-style-type: none">• Taught cybersecurity concepts including Kali Linux, Metasploit, and network mapping• Facilitated hands-on activities for high school students	Summer 2021

Skills

Technology & Tools: IAM (Okta, Microsoft Entra ID), Git/GitHub, Linux/Kali, Windows, MacOS, React Native, Node.js, Pandas, numpy, scipy, Matplotlib, seaborn, Scikit-learn, LaTeX

Programming Languages: Python, SQL, PowerShell, R, Java, JavaScript, C, Bash

Projects

JobTracker - Automated Job Application Scraper	Personal Project
<ul style="list-style-type: none">• Developed a Google Apps Script tool to automate job application tracking in Google Sheets• Scrapes LinkedIn job postings to parse and populate metadata (Title, Company,	

Location, Salary)

- Implements error handling and conditional formatting to flag failed scrapes or listings requiring manual review
- Tools: Google Apps Script (JavaScript)

dDream - Explorer Challenge 2.0 | Lead Presenter

Mar 2025

- Represented a student-led product team at Marquette University's annual innovation showcase
- Delivered a 5-minute pitch for "dDream," a smartphone-based platform for real-time physiological monitoring (Oxygen saturation, blood pressure, heart rate)
- Translated engineering and biomedical concepts into accessible language for a non-technical judging panel
- Designed a minimal 5-slide presentation deck focused on clarity, impact, and feasibility
- Received recognition for communicating technical depth under time constraints

Socioeconomic Crime Analysis

- Analyzed Milwaukee crime rates vs. median income using regression, geospatial visualizations, and demographic overlays
- Explored race and income correlations using Milwaukee WIBRS, census, and income datasets
- Tools: R, ggplot2, dplyr, tidyr, Census data, WIBR crime data

Certifications & Trainings

Okta Certified Professional

2022

Okta Workflows Automation Training - CDW

2023

OSCT Deep Learning Workshop - Marquette University

Mar 2025